Archives of Internal Medicine

VOLUME 127

JANUARY THROUGH JUNE, 1971

American Medical Association Publication

Archives of Internal Medicine

Editorial Board

Chief Editor

Morton D. Bogdonoff, MD,
University of Illinois
at the Medical Center
Chicago 60612

William H. Crosby, MD,
Boston

Harold T. Dodge, MD,
Seattle

Jules Hirsch, MD,
New York

Sherman M. Mellinkoff, MD,
Los Angeles

Albert I. Mendeloff, MD,
Baltimore

Robert H. Moser, MD,
Wailuku, Maui, Hawaii

Roscoe Ross Robinson, MD,
Durham, NC

J. Edwin Seegmiller, MD,
San Diego, Calif

AUTHOR INDEX TO VOLUME 127

In this Index in alphabetical order are listed the names of authors of all articles.
Full citation is given under first author only; reference is made from joint authors.

A

Ackerman GL see Patterson RM

Adee RR see Sanders CL

Adler JL, Burke JP and Finland M: Infection and antibiotic usage at Boston City Hospital, January 1970, 460 (Mr)
See also Schwarzmann SW

Alpert JJ: Educating the physician toward a solution, 85 (Ja)

Anderson GH see De Luca L

Armstrong D, Balakrishnan SL, Steger L, Yu B and Stenzel KH: Cytomegalovirus infections with viremia following renal transplantation, 111 (Ja)

Atkins R see Haygood TA

B

Bailey OT and Hickman JB: Rupture of mitral chordae tendineae (reprinted from *Amer Heart J*, 1944), 574 (Ap)

Balakrishnan SL see Armstrong D

Balcerzak SP see Mertz EN

Balint JA, Bondurant S and Kyriakides EC: Lecithin biosynthesis in cigarette smoking dogs, 740 (Ap)

Balis GA see Puklin JE

Baltzell WH: The dying patient, 106 (Ja)

Barnett TB and Herring CL: Lung abscess, 217 (Fe)

Baron MM see Feingold ML

Barondess JA: Some thoughts on academic medicine, 311 (Fe)

Barrett DA II see Parker JC

Barrow MV and Hummel EE Jr: Relapsing polychondritis in a Zuni Indian, 950 (My)

Basford RE see Gee JBL

Battigelli MC, Fraser DA and Cole H: Microflora of the respiratory surface of rodents exposed to "inert" particulates, 1103 (Jn)

Bejar J see Winawer SJ

Beller BM see Trevino A

Bentley DW see Puklin JE

Bercu BA see Wertheimer L

Berger RA see Center S

Berte JB see Hayslett JP

Blair E: Acid-base balance in bacteremic shock, 731 (Ap)
and Hickman JB: Quantitative study of intrapulmonary gas mixing in emphysema (reprinted from *Amer J. Med*, 1955), 625 (Ap)
See also Hickman JB

Blumberg BS see Sutnick AI

Bogdonoff MD: A balance of resources for medicine, 493 (Mr)
The Carnegie report and future planning for internal medicine, 314 (Fe)
John Bamber Hickman, 569 (Ap)
A note on the university medical centers and community needs, 958 (My)
Social issues and scientific medicine, 157 (Ja)

Bondurant S see Balint JA

Bottomley SS see Halpern SE

Brashear RE and Ross JC: Circulating beta adrenergic stimulator during elevated cerebrospinal fluid pressure, 748 (Ap)

Bregman D: Dual chambered intraaortic balloon (corres.), 775 (Ap)

Brooks L see Rhoades ER

Brooks RE: Ultrastructural evidence for a noncellular lining layer of lung alveoli, 426 (Mr)

Brumley GW: Lung development and lecithin metabolism, 413 (Mr)

Brunstetter MA, Hardie JA, Schiff R, Lewis JP and Cross CE: The origin of pulmonary alveolar macrophages, 1064 (Jn)

Bryan AC see Frayser R

Bryan JB see Riddick FA Jr

Bryant RE, Hood AF, Hood CE and Koenig MC: Factors affecting mortality of gram-negative rod bacteremia, 120 (Ja)

Buckley CE III see Dowell AR

Burch GE, Harb JM, Colcolough HL and Tsui C-Y: Encephalomyocarditis infection of the newborn mouse myocardium, 148 (Ja)

Burk RF, Schaffner W and Koenig MG: Severe influenza virus pneumonia in the pandemic of 1968-1969, 1122 (Jn)

Burke JP see Adler JL

C

Carbone P see Kyle RA

Cargill WH see Hickam JB

Carnow BW: Air pollution and physician responsibility, 91 (Ja)

Caruso JC see Solomon S

Casarett LJ, Casarett MG and Whalen SA: Pulmonary cell responses to metallic oxides, 1090 (Jn)

Casarett MG see Casarett LJ

Catlett JM: University training and the practicing internist (corres.), 317 (Fe)

Center S, Berger RA and Tarjan P: The diagnosis of acute myocardial infarction in patients with permanent pacemakers, 932 (My)

Cerda JJ see Sutnick AI

Cherng MJ see Pruitt KM

Christian RT see Gardner DE

Churg J see Cohen S

Chused TM, Cohn CK, Schneider E and Winfield JB: Medical care during the November 1969 antiwar demonstrations in Washington, DC, 67 (Ja)

Clements JA: Comparative lipid chemistry of lungs, 387 (Mr)

Coffin DL see Gardner DE; Hurst DJ

Cohen R see Dowell AR

Cohen S, Salomon M, Grishman E, Gribetz D and Churg J: The kidney in acute rheumatic fever, 245 (Fe)

Cohn CK see Chused TM

Colcolough HL see Burch GE

Cole H see Battigelli MC

Collen MF: Guidelines for multiphasic health checkups, 99 (Ja)

Costello AC see Riddick FA Jr

Crosby WH: Food pica and iron deficiency, 960 (My)

Cross CE, Mustafa MG, Peterson P and Hardie JA: Pulmonary alveolar macrophage, 1069 (Jn)
See also Brunstetter MA; Mustafa MG

Cutler RE see Haygood TA

D

Daly WF: Single-breath gas distribution in chronic obstructive lung disease, 763 (Ap)

Davey FR see Skarin AT

De Luca L, Anderson GH and Wolf G: The in vivo and in vitro biosynthesis of lung tissue glycopeptides, 853 (My)

Denmark TC and Knight EL: Cardiovascular and coagulation complications of group C meningococcal disease, 238 (Fe)

Dermer GB: A method for the visualization of pulmonary surfactant in the light microscope, 415 (Mr)

Dossetor JB see Kendall AG

Dowell AR, Buckley CE III, Cohen R, Whalen RE and Sieker HO: Cheyne-Stokes respiration, 712 (Ap)
See also Kilburn KH; Ramirez-R J

Drexler J: Asymptomatic polyps of the colon and rectum. III. Proximal and distal polyp relationships, 466 (Mr)

Dukeminier J Jr and Sanders D: Legal problems in allocation of scarce medical resources; the artificial kidney, 1134 (Jn)

E

Eagle C see Goldstein E

Ellman L: Meningococcemia and consumption coagulopathy treated with heparin and dextran 70, 135 (Ja)

Englebardt C see Hershberg PI

Espenschade PW Jr: On a contradiction between intent and enactment (corres.), 776 (Ap)

Espinas OE see Sobel J

Estes EH Jr and Howard DR: Paramedical personnel in the distribution of health care, 70 (Ja)

Evans MJ see Stephens RJ

F

Farber SJ see Solomon S

Feingold ML, Litwak RL, Geller SS and Baron MM: Budd-Chiari syndrome caused by a right atrial tumor, 292 (Fe)

Feinstein AR and Koss N: Computer-aided prognosis. I. Organization and coding of data, 438 (Mr)
See also Koss N

Felton F see Rhoades ER

Finland M see Adler JL

Finnerty FA Jr see Wertheimer L

Fraser DA see Battigelli MC

Frayser R, Houston CS, Gray GW, Bryan AC and Rennie ID: The response of the retinal circulation to altitude, 708 (Ap)
See also Hickman JB; Ross JC

Freeman G see Stephens RJ

Friedman SA see Sobel J

Fulop M, Katz S and Lawrence C: Extreme hyperbilirubinemia, 254 (Fe)

G

Gall EA see Hamburger M

Gardner DE, Pfitzer EA, Christian RT and Coffin DL: Loss of protective factor for alveolar macrophages when exposed to ozone, 1078 (Jn)

Gee JBL, Vassallo CL, Vogt MT, Thomas C and Basford RE: Peroxidative metabolism in alveolar macrophages, 1046 (Jn)

Geller SS see Feingold ML

Geizayd EA, McCleery JL, Melnyk CS and Kraft SC: Intestinal malabsorption and immunoglobulin deficiency, 141 (Ja)

Gentry L see Marlon A

Gershenson MI see Riddick FA Jr

Gil J: Ultrastructure of lung fixed under physiologically defined conditions, 896 (My)

Gilbert DB: What possible use can computers be to medicine, 96 (Ja)

Goldberg LI see Yeh BK

Golden A see Hickman JB

Goldstein E, Tyler WS, Hoeprich PD and Eagle C: Ozone and the antibacterial defense mechanisms of the murine lung, 1099 (Jn)

Goldstein RA: Social issues and medicine (corres.), 773 (Ap)

Goodwin RS see Wooley CF

Gotshall RA Jr: Blood pressure in spinal cord injury (corres.), 775 (Ap)

Gray GW see Frayser R

Gregory SA see Knospe WH

Gribetz D see Cohen S

Grishman E see Cohen S

H

Halgrimson CG and Popovtzer MM

Hall RH see Wertheimer L

Halpern SE, Leonard JE, Whitcomb WH and Bottomley SS: Urinary iron excretion studies in paroxysmal nocturnal hemoglobinuria, 1028 (Jn)

Hamburger M, Gall EA and Scott NC: Distribution of intravenously inoculated staphylococci in heart valves and viscera, 496 (Mr)

Hamlin EM see Hourani BT

Harb JM see Burch GE

Hardie JA see Brunstetter MA; Cross CE

Harrison R see Hershberg PI

Haygood TA, Atkins R, Kennedy JA and Cutler RE: Aminocaproic acid treatment of prolonged hematuria following renal biopsy, 478 (Mr)

Hayslett JP, Berte JB and Kashgarian M: Successful treatment of renal failure in Goodpasture's syndrome, 953 (My)

Heath CW Jr see Kyle RA

Herring CL see Barnett TB

Hershberg PI, Englebardt C, Harrison R, Rockart JF and McGandy RB: The medical history question as a health screening test, 226 (Fe)

Heyssel RM see Rogers DE

Hickman JB and Frayser R: Spectrophotometric determination of blood oxygen (reprinted from *J Biol Chem*, 1949), 606 (Ap)
and Frayser R: Studies of the retinal circulation in man (reprinted from *Circulation*, 1966), 688 (Ap)

Blair E and Frayser R: An open-circuit helium method for measuring functional residual capacity and defective intrapulmonary gas mixing (reprinted from *J Clin Invest*, 1954), 615 (Ap)

Cargill WH, and Golden A: Cardiovascular reactions to emotional stimuli. Effect on the cardiac output, arteriovenous oxygen difference, arterial pressure, and peripheral resistance (reprinted from *J Clin Invest*, 1948), 597 (Ap)
See also Bailey OT; Blair E; Ross JC; Sieker HO

Hoeprich PD see Goldstein E

Holloman JLS Jr: Medical care and the black community, 51 (Ja)

Holmes JH see Popovtzer MM

Hood AF see Bryant RE

Hood CE see Bryant RE

Hook EW see Mandell GL

Hourani BT, Hamlin EM and Reynolds TB: Cerebrospinal fluid glutamine as a measure of hepatic encephalopathy, 1033 (Jn)

Houston CS see Frayser R

Howard DR see Estes EH Jr

Hummel EE Jr see Barrow MV

Hurst DJ and Coffin DL: Ozone effect on lysosomal hydrolases of alveolar macrophages in vitro, 1059 (Jn)

I

Ingles T: Where do nurses fit in the delivery of health care? 73 (Ja)

J

Jackson TA see Sanders CL

Jensen WN see Metz EN

Johansen K: Endogenous plasma insulin in a juvenile diabetic after ten years of insulin therapy, 139 (Ja)

Johns MW: Methods for assessing human sleep, 484 (Mr)

Julius S, Pascual AV, Reilly K and London R: Abnormalities of plasma volume in borderline hypertension, 116 (Ja)

K

Karp RB see Porter CM

Kashgarian M see Hayslett JP

Katz S see Fulop M

Kendall AG, Lohmann RC and Dossetor JB: Nephrotic syndrome, 1021 (Jn)

Kennedy JA see Haygood TA

Kilburn KH and Dowell AR: Connective tissue of the lung, 845 (My)
and Dowell AR: Renal function in respiratory failure, 754 (Ap)
Dowell AR and Pratt PC: Morphological and biochemical assessment of papain-induced emphysema, 884 (My)

Knelson JH: Environmental influence on intrauterine lung development, 421 (Mr)

Knight EL see Denmark TC

Knoebel SB and McHenry PL: Myocardial blood flow, 767 (Ap)

Knospe WH and Gregory SA: Smoldering acute leukemia, 910 (My)

Koenig MG see Bryant RE; Burk RF

Koss N and Feinstein AR: Computer-aided prognosis. II. Development of a prognostic algorithm, 448 (Mr)
See also Feinstein AR

Kraft SC see Gelzayd EA

Kritchevsky G see Rouser G

Kunin CM: Blood pressure in patients with spinal cord injury, 285 (Fe)

Kyle RA, Heath CW Jr and Carbone P: Multiple myeloma in spouses, 944 (My)

Kyriakides EC see Balint JA

L

Larrimer NR see Metz EN

Lawrence C see Fulop M

Lee SD see Ramirez-R J

Leonard JE see Halpern SE

Lewis CE: Experiments in the delivery of health care and their impact on medical schools, 312 (Fe)

Lewis JP see Brunstetter MA

Litwak RL see Feingold ML

Lohmann RC see Kendall AG

London R see Julius S

London WT see Sutnick AI

Low FN: Extracellular components of the pulmonary alveolar wall, 847 (My)

M

McAllister RG Jr, Michelakis AM and Sandstead HH: Plasma renin activity in chronic plumbism, 919 (My)

McCleery JL see Gelzayd EA

McCray RS see Winawer SJ

McGandy RB see Hershberg PI

McHenry PL see Knoebel SB

McKay DG see Margaretten W

McKown BA see Rhoades ER

Magee JH: Spinal cord casualties (corres.), 962 (My)

Malchesky PS, Mrava GL and Nosé Y: A totally disposable, presterilized dialyzer, 278 (Fe)

Mandell GL and Hook EW: Persistence of ampicillin-sinsitive *Salmonella thompsoni* due to fecal penicillinase, 137 (Ja)

Margaretten W and McKay DG: Thrombotic ulcerations of the gastrointestinal tract, 250 (Fe)

Marine MW see Schwarzmann SW

Marlon A, Gentry L and Merigan TC: Septicemia with *Pasteurella pseudotuberculosis* and liver disease, 947 (My)

Massaro D, Weiss H and White G: Pulmonary artery ligation, 861 (My)

Melnyk CS see Gelzayd EA

Menzel DB: Alevolar macrophage, 1044 (Jn)
Prospective and conclusions, 385 (Mr)

Merigan TC see Marlon A

Metz EN, Jensen WN, Larrimer NR and Balcerzak SP: Irreversible changes in the red blood cell membrane during hypotonic swelling, 273 (Fe)

Michelakis AM see McAllister RG Jr

Miller GL and Wynn J: Acromegaly, pheochromocytoma, toxic goiter, diabetes mellitus, and endometriosis, 299 (Fe)

Mohr JA see Rhoades ER

Moloney WC see Skarin AT

Morgan TE: Biosynthesis of pulmonary surface-active lipid, 401 (Mr)

Mrava GL see Malchesky PS

Mustafa MG, Cross CE and Tyler WS: Interference of cadmium ion with oxidative metabolism of alveolar macrophages, 1050 (Jn)
See also Cross CE

N

Nantel A see Yeh BK

Nichols AW, Salwen MB and Torrens PR: Outpatient induction to methadone maintenance treatment for heroin addiction, 903 (My)

Norman JR see Spitzer HL

Nosé Y see Malchesky PS

P

Parker JC and Barrett DA II: Microangiopathic hemolysis and thrombocytopenia related to penicillin drugs, 474 (Mr)

Pascual AV see Julius S

Patterson RM and Ackerman GL: Renal tubular acidosis due to amphotericin B nephrotoxicity, 241 (Fe)

Perlman LV: University training and the practicing internist (corres.), 318 (Fe)

Peterson P see Cross CE

Pfitzer EA see Gardner DE

Pfleger RC and Thomas HG: Beagle dog pulmonary surfactant lipids, 863 (My)

Phair JP: Morton Hamburger (1907-1970), 495 (Mr)

Pickrell JA and Shafer J: Procedures for analysis of amino acids in canine lung connective tissue, 891 (My)

Pinggera WF see Popovtzer MM

Popovtzer MM, Pinggera WF, Holmes JH, Halgrimson CG and Starzl TE: Hypernatremia, 1129 (Jn)

Porter CM, Karp RB, Russell RO Jr and Rackley CE: Pulmonary artery pressure monitoring in cardiogenic shock, 304 (Fe)

Powers GJ see Sanders CL

Pratt PC see Kilburn KH

Pruitt KM, Cherng MJ and Spitzer HL: Physical and chemical characterization of pig lung surfactant lipoprotein, 390 (Mr)

Puklin JE, Balis GA and Bentley DW: Culture of an Osler's node, 297 (Fe)

R

Rackley CE see Porter CM

Ramirez-R J, Schwartz, B, Dowell AR and Lee SD: Biochemical composition of human pulmonary washings, 395 (Mr)

Razi B see Trevino A

Reilly K see Julius S

Rennie ID see Frayser R

Reynolds TB see Hourani BT

Rhoades ER, Ringrose R, Mohr JA, Brooks L, McKown BA and Felton F: Contamination of ultrasonic nebulization equipment with gram negative bacteria, 228 (Fe)

Riddick FA Jr, Bryan JB, Gershenson MI and Costello AC: Use of allied health professionals in internists' offices, 924 (My)

Ringrose R see Rhoades ER

Rockart JF see Hershberg PI

Rockefeller, NA: Universal health insurance is the wave of the future, 65 (Ja)

Rogers DE and Heyssel RM: One medical school's involvement in new health care delivery models, 57 (Ja)

Ross JC: John Bamber Hickman; physician, educator, investigator 571 (Ap)
Frayser R and Hickam JB: A study of the mechanism by which exercise increases the pulmonary diffusing capacity for carbon monoxide (reprinted from The Journal of Clinical Investigation, 1959), 671 (Ap)
See also Brashear RE

Rouser G, Yamamoto A and Kritchevsky G: Cellular membranes, 1105 (Jn)

Russell RO Jr see Porter CM

Ryan JM see Wooley CF

S

Salomon M see Cohen S

Salwen MB see Nichols AW

Sanders CL, Jackson TA, Adee RR, Powers GJ and Wehner AP: Distribution of inhaled metal oxide particles in pulmonary alveoli, 1085 (Jn)

Sanders D see Dukeminier J Jr

Sanders E: Cueaneous sporotrichosis; beer, bricks, and bumps 482 (Mr)

Sandstead HH see McAlister RG Jr

Schaffner W see Burk RF

Schiff R see Brunstetter MA

Schneider E see Chused TM

Schuder JC: Standby inplanted defibrillators (corres.), 317 (Fe)

Schwartz B see Ramirez-R J

Schwarzmann SW, Adler JL, Sullivan RJ Jr and Marine WM: Bacterial pneumonia during the Hong Kong influenza epidemic of 1968-1969, 1037 (Jn)

Scott NC see Hamburger M

Shafer J see Pickrell JA

Sieker HO and Hickam JB: Carbon dioxide intoxication: the clinical syndrome, its etiology and management with particular reference to the use of mechanical respirators (reprinted from *Medicin*, 1956), 637 (Ap)
See also Dowell AR

Skarin AT, Davey FR and Moloney WC: Lymphosarcoma of the spleen, 259 (Fe)

Skyler JS: Concluding remarks; Symposium on Social Issues and Medicine, 110 (Ja)
Introductory remarks; Symposium on Social Issues and Medicine, 49 (Ja)

Sobel J, Espinas OE and Friedman SA: Carotid artery obstruction following LSD capsule ingestion, 290 (Fe)

Solomon S, Farber SJ and Caruso JC: Fibromyomata of the uterus with hemothorax—Meigs' syndrome? 307 (Fe)

Spitzer HL and Norman JR: The biosynthesis and turnover of surfactant lecithin and protein, 429 (Mr)
See also Pruitt KM

Starzl TE see Popovtzer MM

Stead EA Jr: Physicians—past and future, 703 (Ap)
A proposal for the creation of a compulsory national service corps, 89 (Ja)

Steger L see Armstrong D

Stenzel KH see Armstrong D

Stephens RJ, Freeman G and Evans MJ: Ultrastructural changes in connective tissue in lungs of rats exposed to NO_2, 873 (My)

Stokes J III: Social issues and medicine (corres.), 774 (Ap)

Sullivan RJ Jr see Schwarzmann SW

Sutnick AI, Cerda JJ, Toskes PP, London WT and Blumberg BS: Australia antigen and viral hepatitis in drug abusers, 939 (My)

T

Talbot JC: Social issues and medicine (corres.), 504 (Mr)

Tarjan P see Center S

Thomas C see Gee JBL

Thomas HG see Pfleger RC

Tierney DF: Lactate metabolism in rat lung tissue, 853 (My)

Tombropoulos EG: Lipid synthesis by lung subcellular particles, 408 (Mr)

Torrens PR see Nichols AW

Toskes PP see Sutnick AI

Trevino A, Razi B and Beller BM: The characteristic electrocardiogram of accidental hypothermia, 470 (Mr)

Trotter WY: Wading through (corres.), 319 (Fe)

Tsui C-Y see Burch GE

Tyler WS see Goldstein E; Mustafa MG

V

Vassallo CL see Gee JBL

Vogt MT see Gee JBL

W

Weed LL: Quality control and the medical record, 101 (Ja)

Wehner AP see Sanders CL

Weiss H see Massaro D

Wertheimer L, Finnerty FA Jr, Bercu BA and Hall RH: Furosemide in essential hypertension 934 (My)

Whalen RE see Dowell AR

Whalen SA see Casarett LJ

Whitcomb WH see Halpern SE

White G see Massaro D

Winawer SJ, Bejar J, McCray RS and Zamcheck N: Hemorrhagic gastritis, 129 (Ja)

Winfield JB see Chused TM

Wise H: Social problems facing medicine, 76 (Ja)

Wolf G see De Luca L

Wooley CF, Goodwin RS and Ryan JM: Mitral stenosis; a perspective, 727 (Ap)

Wroblewski R: Survival in patients with lung cancer (corres.), 319 (Fe)

Wyngaarden JB: The academic department of medicine and social changes, 80 (Ja)

Wynn J see Miller GL

Y

Yamamoto A see Rouser G

Yeh BK, Nantel A and Goldberg LI: Antihypertensive effect of clonidine, 233 (Fe)

Yu B see Armstrong D

Z

Zamcheck N see Winawer SJ

SUBJECT INDEX TO VOLUME 127

The following Index is an alphabetical list of significant subjects presented in this volume. Books are listed alphabetically by first author under the heading "BOOK REVIEWS."

A

Acid-Base Equilibrium
in bacteremic shock [Blair], 731 (Ap)

Acidosis, Renal Tubular
due to amphotericin B nephrotoxicity [Patterson], 241 (Feb)

Acromegaly
acromegaly, pheochromocytoma, toxic goiter, diabetes mellitus, and endometriosis [Miller], 299 (Fe)

Actinomycosis
culture of an Osler's node; diagnostic tool [Puklin], 297 (Fe)

Adenocarcinoma, Metastatic
Budd-Chiari syndrome caused by right atrial tumor [Feingold], 292 (Fe)

Adenosine Triphosphatase
interference of cadmium ion with oxidative metabolism of alveolar macrophages [Mustafa], 1050 (Jn)
pulmonary alveolar macrophage; membrane associated sodium ion, potassium ion, and magnesium ion adenosine triphosphatase system [Cross], 1069 (Jn)

Adrenal Cortex Hormones see Cortisone; Prednisone

Adrenal Gland Neoplasms
acromegaly, pheochromocytoma, toxic goiter, diabetes mellitus, and endometriosis [Miller], 299 (Fe)

Aerosols
contamination of ultrasonic nebulization equipment with gram negative bacteria [Rhoades], 228 (Fe)

Agammaglobulinemia
intestinal malabsorption and immunoglobulin deficiency [Gelzayd], 141 (Ja)

Age
cellular membranes; structure and regulation of lipid class composition species differences, changes with age, and variations in some pathological states [Rouser], 1105 (Jn)

Air Pollution
and physican responsibility [Carnow], 91 (Ja)
Symposium on Pollution and Lung Biochemistry; papers, 385-437 (Mr); 845-902 (My); 1044-1121 (Jn)

Alcohol, Ethyl, Pharmacodynamics
hemorrhagic gastritis [Winawer], 129 (Ja)

Allied Health Personnel
paramedical personnel in the distribution of health care [Estes], 70 (Ja)
use of allied health professionals in internists' offices; current practices and physicians' attitudes [Riddick], 924 (My)

Altitude
response of retinal circulation to [Frayser], 708 (Ap)

Ambulatory Care
outpatient induction to methadone maintenance treatment for heroin addiction [Nichols], 903 (My)

Amino Acids
procedures for analysis of amino acids in canine lung connective tissue [Pickrell], 891 (My)

Aminocaproic Acid, Therapeutic Use
in prolonged hematuria following renal biopsy

Amphotericin B, Adverse Effects
renal tubular acidosis due to amphotericin B nephrotoxicity [Patterson], 241 (Fe)

Ampicillin
microangiopathic hemolysis and thrombocytopenia related to penicillin drugs [Parker], 474 (Mr)
persistence of ampicillin-sensitive Salmonella thompsoni due to fecal penicillinase [Mandell], 137 (Ja)

Anemia, Hemolytic, Microangiopathic
and thrombocytopenia related to penicillin drugs [Parker], 474 (Mr)

Anemia, Hypochromic
food pica and iron deficiency [Crosby], 960 (My)

Antibiotics
infection and antibiotic usage at Boston City Hospital, January 1970 [Adler], 460 (Mr)

Antihypertensive Agents see Clonidine

Aortic, Thoracic
dual chambered intraaortic balloon (corres.) [Bregman], 776 (Ap)

Aortic Valve Insufficiency
distribution of intravenously inoculated staphylococci in heart valves and viscera [Hamburger], 496 (Mr)

Appetite Disorders
food pica and iron deficiency [Crosby], 960 (My)

Arrhythmia, Etiology
the characteristic electrocardiogram of accidental hypothermia [Trevino], 470 (Mr)

Aspirin
hemorrhagic gastritis [Winawer], 129 (Ja)

Asthma
single-breath gas distribution in chronic obstructive lung disease [Daly], 763 (Ap)

Attitude of Health Personnel
use of allied health professionals in internists' offices; current practices and physicians' attitudes [Riddick], 924 (My)

Australia Antigen see Hepatitis, Infectious

Authorship
wading through (corres.) [Trotter], 319 (Fe)

Azathioprine, Therapeutic Use
successful treatment of renal failure in Goodpasture's syndrome [Hayslett], 953 (My)

B

Bacteremia see Septicemia, Mortality

Bacteriuria
blood pressure in patients with spinal cord injury [Kunin], 285 (Fe)

Basement Membrane
ultrastructural changes in connective tissue in lungs of rats exposed to NO_2 [Stephens], 873 (My)

Beagles see Dogs

Biopsy, Adverse Effects
prolonged hematuria following renal biopsy; aminocaproic acid treatment [Haygood], 478 (Mr)

Blood Circulation
response of retinal circulation to altitude [Frayser], 708 (Ap)

Blood Coagulation Disorders
meningococcemia and consumption coagulopathy treated with heparin and dextran 70 [Ellman], 134 (Ja)
nephrotic syndrome [Kendall], 1021 (Jn)

Blood Pressure
in spinal cord injury (corres.) [Gotshall], 775 (Ap)

Blood Pressure, High see Hypertension

Blood Pressure Determination
pulmonary artery pressure monitoring in cardiogenic shock [McGavock], 304 (Fe)

Bone Marrow Cells
origin of pulmonary alveolar macrophages; studies of stem cells using the ES-2 marker of mice [Brunstetter], 1064 (Jn)
smoldering acute leukemia; clinical and cytogenetic studies in six patients [Knospe], 460 (Mr)

Boston City Hospital
infection and antibiotic usage at Boston City Hospital, January 1970 [Adler], 460 (Mr)

Brain Diseases
cerebrospinal fluid glutamine as a measure of hepatic encephalopathy [Hourani], 1033 (Jn)

Bronchi, Microbiology
microflora of respiratory surface of rodents exposed to "inert" particulates [Battigelli], 1103 (Jn)

Bronchitis
single-breath gas distribution in chronic obstructive lung disease [Daly], 763 (Ap)

Budd-Chiari Syndrome see Vena Cava Inferior, Occlusions

BOOK REVIEWS

Alstead S et al, eds. Clinical pharmacology, 965 (My)
Bailey CP, ed. Therapeutic advances in the practice of cardiology, 327 (Fe)
Begemann H et al, eds. Klinische Hamatologie, 327 (Fe)
Binnion PF. A short textbook of clinical physiology, 322 (Fe)
Blackburn H, ed. Measurement in exercise electrocardiography, 322 (Fe)
Bock HE and Eggstein M, eds. Diagnostik-Informations System, 971 (My)
Boyd W. Textbook of pathology, 321 (Fe)
Bransome ED Jr. The current status of liquid scintillation counting, 971 (My)
Brest AN. Cardiovascular therapy, 160 (Ja)
Brest AN. Coronary heart disease, 162 (Ja)
Britton CJC. Disorders of the blood, 158 (Ja)
Burdette WJ and Gehan EA. Planning and analysis of clinical studies, 1142 (Jn)
Chung EK. Digitalis intoxication, 320 (Fe)
Coodley EL, ed. Diagnostic enzymology, 1138 (Jn)
Dressler W. Clinical aids in cardiac diagnosis, 1139 (Jn)
Early PJ, et al. Textbook of nuclear medicine technology, 325 (Fe)
Eck H, et al. Handbuch der speziellen pathologischen Anatomie und Histologie: die gut und bösartigen Lungengeschwulste, 327 (Fe)
Einsenbud J. PSI and psychoanalysis, 963 (My)
Farnsworth DL and Blaine GB Jr. Counseling and the college student, 1143 (Jn)
Fowler NO, ed. Modern treatment, treatment of cardiac arrhythmias, 327 (Fe)
Fowler NO. Treatment of cardiac arrhythmias, 964 (My)
Fraser RG and Pare JA. Diagnosis of diseases of the chest: an integrated study based on the abnormal roentgenogram, 159 (Ja)
Geevarghese PJ. Pancreatic diabetes, 968 (My)
Gerzon M. The whole world is watching; a young man looks at youth's dissent, 158 (Ja)
Gilroy J and Meyer, JS. Medical neurology, 324 (Fe)
Goldberger E. A primer of water, electrolyte and acid base syndromes, ed 4, 972 (My)
Grollman A, ed Pharmacology and therapeutics, 320 (Fe)
Hamburger JI. Your thyroid gland, 969 (My)
Hanna MG Jr et al. Inhalation carcinogenesis, 968 (My)
Hardin JW and Arena JM. Human poisoning from native and cultivated plants, 323 (Fe)
Harris WH and Heany RP. Skeletal renewal and metabolic bone disease, 506 (Mr)
Heard BE, ed. Pathology of chronic bronchitis and emphysema, 1140 (Jn)
Hemker HC et al, eds. Human blood coagulation, 1139 (Jn)
Holland JF et al, eds. Leukemia and lymphoma, 1142 (Jn)
Judge RD and Zuidema ZD, eds. Physical diagnosis: a physiologic approach to the clinical examination, 506 (Mr)
Katz AH. Hemophilia: a study in hope and reality, 324 (Fe)
Kaye S. Handbook of emergency toxicity, 1141 (Jn)
Kelemen E. Physiopathology and therapy of human blood disease, 325 (Fe)
Knights EM, Jr, ed. Mini-computers in the clinical laboratory, 1143 (Jn)
Laguens RP and Gómez Dumm CLA. Atlas of human electron microscopy, 508 (Mr)
Lassek AM, Sr. The unique legacy of Doctor Hughlings Jackson, 1139 (Jn)
Liebowitz D et al. Cook to your heart's content, 322 (Fe)
Longmore D. Machines in medicine, 324 (Fe)
Lucia SP. Wine and the digestive system, 972 (My)
McGovern JP and Roland CG. Wm. Osler the continuing education, 326 (Fe)
Marshak RH and Lindner AE. Radiology of the small intestine, 1142 (Jn)
Masserman JH, ed. Current psychiatric therapies, 326 (Fe)
Masserman JH ed. Youth; a transcultural psychiatric approach, 161 (Ja)
Nyboer J. Electrical impedance plethysmography, 972 (My)
Pack GT and Islami A, eds. Recent results in cancer research: tumors of the liver, 1141 (Jn)
Quick AJ. Bleeding problems in clinical medicine, 964 (My)
Reubi F. Nierenkrankheiten, 1144 (Jn)
Salter RB. Textbook of disorders and injuries of the musculoskeletal system, 1138 (Jn)
Schoen R et al, eds. Klinik der rheumatischen Erkrankungen, 1144 (Jn)
Shimamoto T and Numano F. Atherogenesis, 321 (Fe)
Sikov MR and Mahlum DD eds. Radiation biology of the fetal and juvenile mammal, 160 (Ja)
Simpson K. Forensic medicine, 971 (My)
Smith P. Arrows of mercy, 966 (My)
Sommers SC. Pathology annual: 1970, vol V, 971 (My)
Spiegal EA, ed. Progress in neurology and psychiatry, vol 24, 507 (Mr)
Spiro HM. Clinical gastroenterology, 505 (Mr)
Steinberg H. Scientific basis of drug dependence, 969 (My)
Stell P. Gynecological vital cytology, 971 (My)
Stewart GT and McGovern JP eds. Penicillin allergy: clinical and immunologic aspects, 159 (Ja)
Stollerman GH ed. Advances in internal medicine, vol 16, 971 (My)
Sunshine I. CRC handbook of analytical toxicology, 969 (My)
Sutherland JM and Tait H. The epilepsies: modern diagnosis and treatment, 967 (My)
Swaiman KF and Wright FS. Neuromuscular disease of infancy and childhood, 967 (My)
Talington PC and Bloss CL, eds. Evolving concepts in psychiatry, 327 (Fe)
Tanikawa K. Ultrastructural aspects of the liver and its disorders, 965 (My)
Taveras JM et al, eds. Recent advances in the study of cerebral circulation, 968 (My)
Van Dongen RJ. Photographic atlas of reconstructive arterial surgery, 970 (My)
Waldenstrom J. Diagnosis and treatment of multiple myeloma, 1140 (Jn)
Walton JN ed. Disorders of voluntary muscle, 162 (Ja)
Winokur G et al. Manic depressive illness, 161 (Ja)
Woodruff AW, ed. Alimentary and haematological aspects of tropical disease, 320 (Fe)
Ziai M et al, eds. Pediatrics, 323 (Fe)

C

Cadmium, Adverse Effects
interference of cadmium ion with oxidative metabolism of alveolar macrophages [Mustafa], 1050 (Jn)

Carbon Dioxide, Blood
renal function in respiratory failure [Kilburn], 754 (Ap)

Carcinoma, Epidermoid
in vivo and in vitro biosynthesis of lung tissue glycopeptides [De Luca], 853 (My)

Cardiac Output
circulating beta adrenergic stimulator during elevated cerebrospinal fluid pressure [Brashear] 748 (Ap)

Carnegie Report
and future planning for internal medicine [Bogdonoff], 314 (Fe)

Carotid Arteries
obstruction following LSD capsule ingestion [Sobel], 290 (Fe)

Cartilage, Diseases
relapsing polychondritis in Zuni Indian [Barrow], 950 (My)

Cell Membrane
irreversible changes in red blood cell membrane during hypotonic swelling [Metz], 273 (Fe)
pulmonary alveolar macrophage; membrane associated sodium ion, potassium ion, and magnesium ion adenosine triphosphatase system [Cross], 1069 (Jn)

Cell Membrane, cont.
structure and regulation of lipid class composition species differences, changes with age, and variations in some pathological states [Rouser], 1105 (Jn)

Cephaloglycin, Therapeutic Use
persistence of ampicillin-sensitive *Salmonella thompsoni* due to fecal penicillinase [Mandell], 137 (Ja)

Cerebroarterial Occlusions, Extracranial see Carotid Arteries

Cerebrospinal Fluid
cerebrospinal fluid glutamine as measure of hepatic encephalopathy [Hourani], 1033 (Jn)
circulating beta adrenergic stimulator during elevated cerebrospinal fluid pressure [Brashear], 748 (Ap)

Chelating Agents see EDTA

Cheyne-Stokes Respiration see Respiration

Cholesterol
beagle dog pulmonary surfactant lipids [Pfleger], 863 (My)

Choline
biosynthesis and turnover of surfactant lecithin and protein [Spitzer], 429 (Mr)

Clonidine
antihypertensive effect [Yeh], 233 (Fe)

Collagen
morphological and biochemical assessment of papain-induced emphysema [Kilburn], 884 (My)
ultrastructural changes in connective tissue in lungs of rats exposed to NO_2 [Stephens], 873 (My)

Colloiding see Flocculation

Colonic Neoplasms
asymptomatic polyps of colon and rectum; proximal and distal polyp relationships [Drexler], 466 (Mr)

Coma
cerebrospinal fluid glutamine as measure of hepatic encephalopathy [Hourani], 1033 (Jn)

Community Medical Services
a note on the university medical centers and community needs [Bogdonoff], 958 (My)

Computers
computer-aided prognosis. I. Organization and coding of data [Feinstein], 438 (Mr;) II. Development of a prognostic algorithm [Koss], 448 (Mr)
what possible use can computers be to medicine [Gilbert], 96 (Ja)

Connective Tissue
extracellular components of pulmonary alveolar wall [Low], 847 (My)
of lung [Kilburn], 845 (My)
procedures for analysis of amino acids in canine lung connective tissue [Pickrell], 891 (My)

Coronary Vessels
myocardial blood flow; measurement by a coincidence counting system and single bolus of ^{84}Rb [Knoebel], 767 (Ap)

Cortisone
environmental influence on intrauterine lung development [Knelson], 421 (Mr)

Cross Infection
infection and antibiotic usage at Boston City Hospital, January 1970 [Adler], 460 (Mr)

Crowds
medical care during November 1969 antiwar demonstrations in Washington, DC; an experience in crowd medicine [Chused], 67 (Ja)

Cytomegalic Inclusion Disease
following renal transplantation [Armstrong], 111 (Ja)

D

Death
dying patient; when focus must be changed [Baltzell], 106 (Ja)

Delivery of Health Care
educating physician toward solution [Alpert], 85 (Ja)
experiments in delivery of health care and their impact on medical schools [Lewis], 312 (Fe)
medical care and the black community [Holloman], 51 (Ja)
medical care during November 1969 antiwar demonstrations in Washington, DC [Chused], 67 (Ja)
one medical school's involvement in new health care delivery models [Rogers], 57 (Ja)
paramedical personnel in distribution of health care [Estes], 70 (Ja)
physicians—past and future [Stead], 703 (Ap)
proposal for creation of compulsory national service corps [Stead], 89 (Ja)
social issues and medicine (corres.) [Goldstein], 773 (Ap)
social issues and medicine (corres.) [Stokes], 774 (Ap)
social issues and scientific medicine [Bogdonoff], 157 (Ja)
social problems facing medicine [Wise], 76 (Ja)
where do nurses fit in [Ingles], 73 (Ja)

Dermatomycosis
cutaneous sporotrichosis; beer, bricks, and bumps [Sanders], 482 (Mr)

Dextran, Therapeutic Use
meningococcemia and consumption coagulopathy treated with heparin and dextran 70 [Ellman], 134 (Ja)

Diabetes Mellitus
acromegaly, pheochromocytoma, toxic goiter, diabetes mellitus, and endometriosis [Miller], 299 (Fe)

Diabetes Mellitus, cont.
endogenous plasma insulin in juvenile diabetic after ten years of insulin therapy [Johansen], 139 (Ja)

Diacetylmorphine
outpatient induction of methadone maintenance treatment for heroin addiction [Nichols], 903 (My)

Diagnosis, Surgical see Splenectomy

Disaster, Prevention and Control
medical care during November 1969 antiwar demonstrations in Washington, DC [Chused], 67 (Ja)

Dogs
beatle dog pulmonary surfactant lipids [Pfleger], 863 (My)

Double-Blind Studies
furosemide in essential hypertension [Wertheimer], 934 (My)

Drug Abuse
Australia antigen and viral hepatitis in drug abusers [Sutnick], 939 (My)

Drug Addiction, Drug Therapy
outpatient induction to methadone maintenance treatment for heroin addiction [Nichols], 903 (My)

Duodenal Ulcer
thrombotic ulceration of gastrointestinal tract [Margaretten], 250 (Fe)

Dust
microflora of respiratory surface of rodents exposed to "inert" particulates [Battigelli], 1103 (Jn)

E

EDTA, Therapeutic Use
plasma renin activity in chronic plumbism; effect of treatment [McAllister], 919 (My)

Edema
renal function in respiratory failure [Kilburn], 754 (Ap)

Edetates see EDTA

Education, Medical
academic department of medicine and social change [Wyngaarden], 80 (Ja)
Carnegie report and future planning for internal medicine [Bogdonoff], 314 (Fe)
educating physician toward a solution [Alpert], 85 (Ja)
physicians—past and future [Stead], 703 (Ap)

Electric Countershock, Instrumentation
standby implanted defibrillators (corres.) [Schuder], 317 (Fe)

Electrocardiography
characteristic electrocardiogram of accidental hypothermia [Trevino], 470 (Mr)
diagnosis of acute myocardial infarction in patients with permanent pacemakers [Center], 932 (My)

Electrophysiology
methods for assessing human sleep [Johns], 484 (Mr)

Encephalomyocarditis Viruses
infection of newborn mouse myocardium [Burch], 148 (Ja)

Endocarditis, Bacterial
distribution of intravenously inoculated staphylococci in heart valves and viscera; in dogs with and without aortic insufficiency [Hamburger], 496 (Mr)

Endocrine Diseases, Multiple see Acromegaly

Endometriosis
acromegaly, pheochromocytoma, toxic goiter, diabetes mellitus, and endometriosis [Miller], 299 (Fe)

Enterobacteriaceae Infections
factors affecting mortality of gram-negative rod bacteremia [Bryant], 120 (Ja)

Environmental Health
air pollution and physician responsibility [Carnow], 91 (Ja)

Epilepsy, Focal see Jacksonian Seizures, Chemically Induced

Epinephrine, Blood
circulating beta adrenergic stimulator during elevated cerebrospinal fluid pressure [Brashear], 748 (Ap)

Erythrocyte Aggregation, Intravascular
cardiovascular and coagulation complications of group C meningococcal disease [Denmark], 238 (Fe)

Erythrocytes
irreversible changes in red blood cell membrane during hypotonic swelling [Metz], 273 (Fe)

F

Faculty, Medical
some thoughts on academic medicine [Barondess], 310 (Fe)

Feces, Microbiology
persistence of ampicillin-sensitive *Salmonella thompsoni* due to fecal penicillinase [Mandell], 137 (Ja)

Fibromyoma see Leimyoma

Flocculation
method for visualization of pulmonary surfactant in light microscope [Dermer], 415 (Mr)

Follow-Up Studies
lung abscess; initial and late results of medical therapy, 217 (Fe)

Fungus Diseases see Actinomycosis; Sporotrichosis

Furosemide, Therapeutic Use
in essential hypertension [Wertheimer], 934 (My)

Fusarium Infections
culture of an Osler's node; diagnostic tool [Puklin], 297 (Fe)

G

Gamma Globulin Deficiency see Agammaglobulinemia

Gastric Mucosa, Blood Supply
thrombotic ulcerations of gastrointestinal tract [Margaretten], 250 (Fe)

Gastritis
hemorrhagic; importance of associated chronic gastritis [Winawer], 129 (Ja)

General Practice
on contradiction between intent and enactment (corres.) [Espenschade], 776 (Ap)

Glomerulonephritis see Kidney Failure, Chronic

Glucocorticoids see Cortisone

Glutamine
cerebrospinal fluid glutamine as measure of hepatic encephalopathy [Hourani], 1033 (Jn)

Glycoproteins, Biosynthesis
in vivo and in vitro biosynthesis of lung tissue glycopeptides [De Luca], 853 (My)

Goiter, Exophthalmic
acromegaly, pheochromocytoma, toxic goiter, diabetes mellitus, and endometriosis [Miller], 299 (Fe)

GOOD SCIENTIFIC WRITING
the biochemistry of anxiety (reprint 1969 article) [Pitts FN Jr], 535 (Ap)
biography of a word (editorial reproduced from *JAMA*), 807 (My)
conservatism and pancreatic carcinoma (extracted and reprinted) [Crile], 182 (Fe)
deadly enemas (editorial reproduced from *New Eng J Med*), 803 (My)
dogma and molecular biology (extracted and reprinted from *Lancet* [Burnett], 350 (Mr)
Echinococcus in a zebra (extract and reprint, 1852) [Huxley TH], 7 (Ja)
style in medical writing (reproduced from *Canad Med Assoc J* [Macphail], 807 (My)
muscular tone and relaxation (extracted and reprinted) [Basmajian], 999 (Jn)

Goodpasture's Syndrome
successful treatment of renal failure in Goodpasture's syndrome [Hayslett], 953 (My)

Guanethidine
antihypertensive effect of clonidine; use alone and in combination with hydrochlorothiazide and guanethidine in treatment of hypertension [Yeh], 223 (Fe)

H

Hamburger, Morton, 1907-1970
an appreciation [Phair], 495 (Mr)

Health Manpower
medical care and black community [Holloman], 51 (Ja)

Heart
Budd-Chiari syndrome caused by right atrial tumor [Feingold], 292 (Fe)
cardiovascular and coagulation complications of group C meningococcal disease [Denmark], 238 (Fe)
characteristic electrocardiogram of accidental hypothermia [Trevino], 470 (Mr)
dual chambered intraaortic balloon (corres.) [Bregman], 775 (Ap)

Heart, Intraventricular Septum, Rupture
pulmonary artery pressure monitoring in cardiogenic shock [McGavock], 304 (Fe)

Hematuria
aminocaproic acid treatment of prolonged hematuria following renal biopsy [Haygood], 478 (Mr)

Hemodialysis see also Kidney, Artificial

Hemoglobinuria, Paroxysmal
urinary iron excretion studies in [Halpern], 1028 (Jn)

Hemolysis, Chemically Induced see Anemia, Hemolytic, Microangiopathic; Hemorrhage, Gastrointestinal
hemorrhagic gastritis [Winawer], 129 (Ja)

Hemothorax
fibromyomata of the uterus with hemothorax—Meigs' syndrome? [Solomon], 307 (Fe)

Heparin, Therapeutic Use
meningococcemia and consumption coagulopathy treated with heparin and dextran 70 [Ellman], 134 (Ja)

Hepatitis
cerebrospinal fluid glutamine as a measure of hepatic encephalopathy [Hourani], 1033 (Jn)

Hepatitis, Infectious
Australia antigen and viral hepatitis in drug abusers [Sutnick], 939 (My)
extreme hyperbilirubinemia [Fulop], 254 (Fe)

Heroin see Diacetylmorphine

Hexamethonium
circulating beta adrenergic stimulator during elevated cerebrospinal fluid pressure [Brashear], 48 (Ap)

Hickam, John Bamber, 1914-1970
editorial tribute [Bogdonoff], 569 (Ap)
memorial volume, 569-772 (Ap)
physician, educator, investigator [Ross], 571 (Ap)

Hickam Symposium
original and reprinted articles, 569-772 (Ap)

HICKAM SYMPOSIUM REPRINTS
carbon dioxide intoxication: the clinical syndrome, its etiology and management with particular reference to the use of mechanical respirators (reprinted from *Medicine*, 1956) [Sieker], 637 (Ap)

Hickam Symposium Reprints, cont.
cardiovascular reactions to emotional stimuli. Effect on the cardiac output, arteriovenous oxygen differences, arterial pressure, and peripheral resistance (reprinted from *J Clin Invest*, 1948) [Hickam], 597 (Ap)
an open-circuit helium method for measuring functional residual capacity and defective intrapulmonary gas mixing (reprinted from *J Clin Invest*, 1954) [Hickam], 615 (Ap)
quantitative study of intrapulmonary gas mixing in emphysema (reprinted from *Amer J Med*, 1955) [Blair], 625 (Ap)
rupture of mitral chordae tendineae (reprinted from *Amer Heart J*, 1944) [Bailey], 574 (Ap)
spectrophotometric determination of blood oxygen (reprinted from *J Biol Chem*, 1949) [Hickam], 606 (Ap)
studies of the retinal circulation in man (reprinted from *Circulation*, 1966) [Hickam], 688 (Ap)
a study of the mechanism by which exercise increases the pulmonary diffusing capacity for carbon monoxide (reprinted from *J Clin Invest*, 1959) [Ross], 671 (Ap)

Hospital Infections see Cross Infections

Hospitals, General
university training and practicing internist (corres.) [Catlett], 317 (Fe); [Perlman], 318 (Fe)

Hospitals, Teaching
Carnegie report and future planning for internal medicine [Bogdonoff], 314 (Fe)
university medical centers and community needs [Bogdonoff], 958 (My)

Husband-Wife Diseases
multiple myeloma in spouses [Kyle], 944 (My)

Hydrochlorothiazide
antihypertensive effect of clonidine; use alone and in combination with hydrochlorothiazide and guanethidine in treatment of hypertension [Yeh], 233 (Fe)

Hydrogen Peroxide
peroxidative metabolism in alveolar macrophages [Gee], 1046 (Jn)

Hydrolases
ozone effect on lysosomal hydrolases of alveolar macrophages in vitro [Hurst], 1059 (Jn)

Hyperbilirubinemia
extreme [Fulop], 254 (Fe)

Hypernatremia
complication of renal homotransplantation [Popovtzer], 1129 (Jn)

Hypertension
abnormalities of plasma volume in borderline hypertension [Julius], 116 (Ja)
blood pressure in patients with spinal cord injury [Kunin], 285 (Fe)

Hypertension, cont.
spinal cord casualties (corres.) [Magee], 962 (Jn)

Hypertension, Drug Therapy
antihypertensive effect of clonidine [Yeh], 233 (Fe)
furosemide in essential hypertension [Wertheimer], 934 (My)

Hypogammaglobulinemia see Agammaglobulinemia

Hypothermia, Diagnosis
characteristic electrocardiogram of accidental hypothermia [Trevino], 470 (Mr)

Hypotonic Solutions
irreversible changes in the red blood cell membrane during hypotonic swelling [Metz], 273 (Fe)

I

Indians, North American
relapsing polychondritis in Zuni Indian [Barrow], 950 (My)

Influenza, Asian, Complications
bacterial pneumonia during Hong Kong influenza epidemic of 1968-1969 [Schwarzmann], 1037 (Jn)
severe influenza virus pneumonia in the pandemic of 1968-1969 [Burk], 1122 (Jn)

Inhalation Therapy, Instrumentation
contamination of ultrasonic nebulization equipment with gram negative bacteria [Rhoades], 228 (Fe)

Injections, Intravenous
distribution of intravenously inoculated staphylococci in heart valves and viscera; study in dogs with and without aortic insufficiency [Hamburger], 496 (Mr)

Insulin, Blood
endogenous plasma insulin in juvenile diabetic after ten years of insulin therapy [Johansen], 139 (Ja)

Insurance, Health
balance of resources for medicine [Bogdonoff], 493 (Mr)
universal health insurance is wave of future [Rockefeller], 65 (Ja)

Internal Medicine
Carnegie report and future planning for internal medicine [Bogdonoff], 314 (Fe)
on contradiction between intent and enactment (corres.) [Espenschade], 776 (Ap)
use of allied health professionals in internists' offices; current practices and physicians' attitudes [Riddick], 924 (My)
university training and the practicing internist (corres.) [Catlett], 317 (Fe); [Perlman], 318 (Fe)

INTERNAL MEDICINE AT LARGE
17 (Ja); 193 (Fe); 363 (Mr); 541 (Ap); 817 (My); 1007 (Jn)

Internship and Residency
university training and the practicing internist (corres.) [Catlett], 317 (Fe); [Perlman], 318 (Fe)

Intestinal Mucosa, Blood Supply
thrombotic ulcerations of gastrointestinal tract [Margaretten], 250 (Fe)

Intestinal Polyps
asymptomatic polyps of colon and rectum; proximal and distal polyp relationships [Drexler], 466 (Mr)

Iron, Urine
excretion studies in paroxysmal nocturnal hemoglobinuria [Halpern], 1028 (Jn)

Iron Deficiency Anemia see Anemia, Hypochromic

Isoproterenol
single-breath gas distribution in chronic osbtructive lung disease; isoproterenol effect on neon dilution volume and diffusing capacity [Daly], 763 (Ap)

J

Jacksonian Seizures, Chemically Induced
carotid artery obstruction following LSD capsule ingestion [Sobel], 290 (Fe)

Jaundice
extreme hyperbilirubinemia [Fulop], 254 (Fe)

Johns Hopkins University School of Medicine
one medical school's involvement in new health care delivery models [Rogers], 57 (Ja)

Jurisprudence
legal problems in allocation of scarce medical resources [Kudeminier], 1134 (Jn)

K

Kidney
aminocaproic acid treatment of prolonged hematuria following renal biopsy [Haygood], 478 (Mr)

Kidney, Artificial
legal problems in allocation of scarce medical resources [Kudeminier], 1134 (Jn)
totally disposable, presterilized dialyzer; in vitro evaluation [Malchesky], 278 (Fe)

Kidney Diseases
extreme hyperbilirubinemia [Fulop], 254 (Fe)
in acute rheumatic fever [Cohen], 245 (Fe)

Kidney Failure, Chronic
successful treatment of renal failure in Goodpasture's syndrome [Hayslett], 953 (My)

Kidney Function Tests
renal function in respiratory failure [Kilburn], 754 (Ap)

Kidney Transplantation, Complications
cytomegalovirus infections with viremia [Armstrong], 111 (Ja)
hypernatremia [Popovtzer], 1129 (Jn)

Kidney Tubules, Drug effects
tubular acidosis due to amphotericin B nephrotoxicity [Patterson], 241 (Fe)

L

Lactates, Metabolism
in rat lung tissue [Tierney], 853 (My)

Lasix see Furosemide

Lead Poisoning, Drug Therapy
plasma renin activity in chronic plumbism; effect of treatment [McAllister], 919 (My)

Lecithins
loss of protective factor for alveolar macrophages when exposed to ozone [Gardner], 1078 (Jn)
method for visualization of pulmonary surfactant in light microscope [Dermer], 415 (Mr)

Lecithins, Biosynthesis
biosynthesis and turnover of surfactant lecithin and protein [Spitzer], 429 (Mr)
biosynthesis of pulmonary surface-active lipid [Morgan], 401 (Mr)
lecithin biosynthesis in cigarette smoking dogs [Balint], 740 (Ap)
lipid synthesis by lung subcellular particles [Tombropoulos], 408 (Mr)

Lecithins, Metabolism
and lung development [Brumley], 413 (Mr)

Leiomyoma
fibromyomata of uterus with hemothorax—Meigs' syndrome? [Solomon], 307 (Fe)

Leucine
biosynthesis and turnover of surfactant lecithin and protein [Spitzer], 429 (Mr)

Leukemia, Lymphocytic
lymphosarcoma of spleen; results of diagnostic splenectomy in 11 patients [Skarin], 259 (Fe)

Leukemia, Myeloblastic
smoldering acute leukemia; clinical and cytogenetic studies in six patients [Knospe], 910 (My)

Lipids see also Cholesterol; Lecithins; Phospholipids, etc.
biochemical composition of human pulmonary washings [Ramirez-R], 395 (Mr)
cellular membranes; structure and regulation of lipid class composition species differences, changes with age, and variations in some pathological states [Rouser], 1105 (Jn)
comparative lipid chemistry of lungs [Clements], 387 (Mr)

Lipoproteins
physical and chemical characterization of pig lung surfactant lipoprotein [Pruitt], 390 (Mr)

Liver Cirrhosis
cerebrospinal fluid glutamine as measure of hepatic encephalopathy [Hourani], 1033 (Jn)
extreme hyperbilirubinemia [Fulop], 254 (Fe)

Liver Diseases, Complications
septicemia with *Pasteurella pseudotuberculosis* and liver disease [Marlon], 947 (My)

Lung Abscess
initial and late results of medical therapy [Barnett], 217 (Fe)

Lung Diseases
biochemical composition of human pulmonary washings [Ramirez-R], 395 (Mr)
culture of an Osler's node; diagnostic tool [Puklin], 297 (Fe)

Lung Neoplasms
computer-aided prognosis. I. Organization and coding of data [Feinstein], 438 (Mr); II. Development of a prognostic algorithm [Koss], 448 (Mr)
survival in patients with lung cancer (corres.) [Wroblewski], 319 (Fe)

Lungs
connective tissue of lung [Kilburn], 845 (My)
environmental influence on intrauterine lung development [Knelson], 421 (Mr)
microflora of respiratory surface of rodents exposed to "inert" particulates [Battigelli], 1103 (Jn)
Symposium on Pollution and Lung Biochemistry; papers, 385-437 (Mr); 845-902 (My); 1044-1121 (Jn)
ultrastructural changes in connective tissue in lungs of rats exposed to NO_2 [Stephens], 873 (My)
ultrastructure of lung fixed under physiologically defined conditions [Gil], 896 (My)

Lungs, Analysis
beagle dog pulmonary surfactant lipids [Pfleger], 863 (My)
comparative lipid chemistry of lungs [Clements], 387 (Mr)
morphological and biochemical assessment of papain-induced emphysema [Kilburn], 884 (My)
physical and chemical characterization of pig lung surfactant lipoprotein [Pruitt], 390 (Mr)
procedures for analysis of amino acids in canine lung connective tissue [Pickrell], 891 (My)

Lungs, Metabolism
biosynthesis of pulmonary surface-active lipid [Morgan], 401 (Mr)
in vivo and in vitro biosynthesis of lung tissue glycopeptides [De Luca], 853 (My)
lactate metabolism in rat lung tissue [Tierney], 853 (My)

Lungs, Metabolism, cont.
lipid synthesis by lung subcellular particles [Tombropoulos], 408 (Mr)
lung development and lecithin metabolism [Brumley], 413 (Mr)
pulmonary artery ligation; effect on in vitro protein synthesis [Massaro], 861 (My)

Lymphosarcoma
of spleen [Skarin], 259 (Fe)

Lysergic Acid Diethylamide
carotid artery obstruction following LSD capsule ingestion [Sobel], 290 (Fe)

Lysosomes, Enzymology
ozone effect on lysosomal hydrolases of alveolar macrophages in vitro [Hurst], 1059 (Jn)

M

Macrophages
alveolar [Menzel], 1044 (Jn)
distribution of inhaled metal oxide particles in pulmonary alveoli [Sanders], 1085 (Jn)
loss of protective factor for alveolar macrophages when exposed to ozone [Gardner], 1078 (Jn)
origin of pulmonary alveolar macrophages; studies of stem cells using the ES-2 marker of mice [Brunstetter], 1064 (Jn)
ozone and antibacterial defense mechanisms of murine lung [Goldstein], 1099 (Jn)
ozone effect on lysosomal hydrolases of alveolar macrophages in vitro [Hurst], 1059 (Jn)
pulmonary alveolar macrophage; membrane associated sodium ion, potassium ion, and magnesium ion adenosine triphosphatase system [Cross], 1069 (Jn)
pulmonary cell responses to metallic oxides [Casarett], 1090 (Jn)

Macrophages, Metabolism
interference of cadmium ion with oxidative metabolism of alveolar macrophages [Mustafa], 1050 (Jn)
peroxidative metabolism in alveolar macrophages [Gee], 1046 (Jn)

Magnesium
pulmonary alveolar macrophage; membrane associated sodium ion, potassium ion, and magnesium ion adenosine triphosphatase system [Cross], 1069 (Jn)

Malabsorption Syndromes see Sprue

Management Training
physicians—past and future [Stead], 703 (Ap)

Mass Screening
medical history question as health screening test [Hershberg], 266 (Fe)

Maturation
environmental influence on intrauterine lung development [Knelson], 421 (Mr)
lung development and lecithin metabolism [Brumley], 413 (Mr)

Medical History Taking
medical history question as a health screening test [Hershberg], 266 (Fe)

Medical Records
and quality control [Weed], 101 (Ja)

Medicine
and social issues (corres.) [Goldstein], 773 (Ap)
and social issues (corres.) [Stokes], 774 (Ap)
and social issues (corres.) [Talbot], 504 (Mr)
scientific, and social issues [Bogdonoff], 157 (Ja)
what possible use can computers be to medicine [Gilbert], 96 (Ja)

Meigs' Syndrome
fibromyomata of uterus with hemothorax—Meigs' syndrome? [Solomon], 307 (Fe)

Meningococcal Infections
cardiovascular and coagulation complications of group C meningococcal disease [Denmark], 238 (Fe)
meningococcemia and consumption coagulopathy treated with heparin and dextran 70 [Ellman], 134 (Ja)

Metals
distribution of inhaled metal oxide particles in pulmonary alveoli [Sanders], 1085 (Jn)
pulmonary cell responses to metallic oxides [Casarett], 1090 (Jn)

Methadone, Therapeutic Use
outpatient induction to methadone maintenance treatment for heroin addiction [Michols], 903 (My)

Microscopy
method for visualization of pulmonary surfactant [Dermer], 415 (Mr)

Microscopy, Electron
encephalomyocarditis infection of newborn mouse myocardium [Burch], 148 (Ja)
extracellular components of pulmonary alveolar wall [Low], 847 (My)
irreversible changes in red blood cell membrane during hypotonic swelling [Metz], 273 (Fe)
ultrastructural changes in connective tissue in lungs of rats exposed to NO_2 [Stephens], 873 (My)
ultrastructural evidence for noncellular lining layer of lung alveoli [Brooks] 426 (Mr)
ultrastructure of lung fixed under physiologically defined conditions [Gil], 896 (My)

Microsomes
lipid synthesis by lung subcellular particles [Tombropoulos], 408 (Mr)

Military Medicine
cardiovascular and coagulation complications of group C meningococcal disease [Denmark], 238 (Fe)

Mitochondria
interference of cadmium ion with oxidative metabolism of alveolar macrophages [Mustafa], 1050 (Jn)
lipid synthesis by lung subcellular particles [Tombropoulos], 408 (Mr)

Mitral Value Stenosis
a perspective [Wooley], 727 (Ap)

Multiphasic Screening
guidelines for multiphasic health checkups [Collen], 99 (Ja)

Multiple Myeloma
in spouses [Kyle], 944 (My)

Mycoplasma Infections
microflora of respiratory surface of rodents exposed to "inert" particulates [Battigelli], 1103 (Jn)

Myocardial Infarct
acute; diagnosis in patients with permanent pacemakers [Center], 932 (My)
pulmonary artery pressure monitoring in cardiogenic shock [Porter], 304 (Fe)

Myocarditis
distribution of intravenously inoculated staphylococci in heart valves and viscera; study in dogs with and without aortic insufficiency [Hamburger], 496 (Mr)
encephalomyocarditis infection of newborn mouse myocardium [Burch], 148 (Ja)

N

National Health Programs see State Medicine

Nebulizers see Inhalation Therapy, Instrumentation

Negroes
medical care and black community [Holloman], 51 (Ja)

Neisseria Meningitidis
cardiovascular and coagulation complications of group C meningococcal disease [Denmark], 238 (Fe)

Nephrotic Syndrome
hypercoagulable state [Kendall], 1021 (Jn)

Nephrotoxins see Amphotericin B, Adverse Effects

Nitrogen Dioxide
ultrastructural changes in connective tissue in lungs of rats exposed to NO_2 [Stephens], 873 (My)

Nurses
where do nurses fit in delivery of health care [Ingles], 73 (Ja)

O

OBITUARIES
Hamburger, Morton, 1907-1970 [Phair], 495 (Mr)

Osler's Nodes see Skin Manifestations

Oxidative-Phosphorylation
interference of cadmium ion with oxidative metabolism of alveolar macrophages [Mustafa], 1050 (Jn)

Oxides
distribution of inhaled metal oxide particles in pulmonary alveoli [Sanders], 1085 (Jn)
pulmonary cell responses to metallic oxides [Casarett], 1090 (Jn)

Oxygen, Blood
renal function in respiratory failure [Kilburn], 754 (Ap)

Ozone
and antibacterial defense mechanisms of murine lung [Goldstein], 1099 (Jn)
effect on lysosomal hydrolases of alveolar macrophages in vitro [Hurst], 1059 (Jn)
loss of protective factor for alveolar macrophages when exposed to ozone [Gardner], 1078 (Jn)

P

Pacemaker, Artificial
diagnosis of acute myocardial infarction in patients with permanent pacemakers [Center], 932 (My)

Paraplegia
blood pressure in patients with spinal cord injury [Kunin], 285 (Fe)
spinal cord casualties (corres.) [Magee], 962 (Jn)

Pasteurella Infections
septicemia with *Pasteurella pseudotuberculosis* and liver disease [Marlon], 947 (My)

Penicillin, Adverse Effects
microangiopathic hemolysis and thrombocytopenia realted to penicillin drugs [Parker], 474 (Mr)

Penicillinase, Feces
persistence of ampicillin-sensitive *Salmonella thompsoni* due to fecal penicillinase [Mandell], 137 (Ja)

Phagocytosis
distribution of inhaled metal oxide particles in pulmonary alveoli [Sanders], 1085 (Jn)
ozone and antibacterial defense mechanisms of murine lung [Goldstein], 1099 (Jn)
peroxidative metabolism in alveolar macrophages [Gee], 1046 (Jn)
pulmonary cell responses to metallic oxides [Casarett], 1090 (Jn)

Phenoxybenzamine
circulating beta adrenergic stimulator during elevated cerebrospinal fluid pressure [Brashear], 748 (Ap)

Pheochromocytoma
acromegaly, pheochromocytoma, toxic goiter, diabetes mellitus, and endometriosis [Miller], 299 (Fe)

Phospholipids
beagle dog pulmonary surfactant lipids [Pfleger], 863 (My)
method for visualization of pulmonary surfactant in light microscope [Dermer], 415 (Mr)
physical and chemical characterization of pig lung surfactant lipoprotein [Pruitt], 390 (Mr)

Physicians
air pollution and physician responsibility [Carnow], 91 (Ja)
some thoughts on academic medicine [Barondess], 310 (Fe)

Pica see Appetite Disorders

Plasma Membrane see Cell Membrane

Plasma Volume
abnormalities, in borderline hypertension [Julius], 116 (Ja)

Pneumonia
bacterial pneumonia during Hong Kong influenza epidemic of 1968-1969 [Schwarzmann], 1037 (Jn)
severe influenza virus pneumonia in pandemic of 1968-1969 [Burk], 1122 (Jn)

Polychondritis see Cartilage Diseases

Potassium
pulmonary alveolar macrophage; membrane associated sodium ion, potassium ion, and magnesium ion adenosine triphosphatase system [Cross], 1069 (Jn)

Poverty
medical care and black community [Holloman], 51 (Ja)

Practitioners see Physicians

Prednisone, Adverse Effects
nephrotic syndrome [Kendall], 1021 (Jn)

Prognosis
computer-aided prognosis. I. Organization and coding of data [Feinstein], 438 (Mr); II. Development of a prognostic algorithm [Koss], 448 (Mr)

Proteins, Biosynthesis
pulmonary artery ligation; effect on in vitro protein synthesis [Massaro], 861 (My)

Pseudomonas
contamination of ultrasonic nebulization equipment with gram negative bacteria [Rhoades], 228 (Fe)

Pulmonary Alveoli see also Surfactant, Analysis
alveolar macrophage [Menzel], 1044 (Jn)
distribution of inhaled metal oxide particles on [Sanders], 1085 (Jn)
extracellular components of pulmonary alveolar wall [Low], 847 (My)
interference of cadmium ion with oxidative metabolism of alveolar macrophages [Mustafa], 1050 (Jn)

Pulmonary Alveoli, cont.
loss of protective factor for alveolar macrophages when exposed to ozone [Gardner], 1078 (Jn)
morphological and biochemical assessment of papain-induced emphysema [Kilburn], 884 (My)
origin of pulmonary alveolar macrophages; studies of stem cells using the ES-2 marker of mice [Brunstetter], 1064 (Jn)
ozone and the antibacterial defense mechanisms of the murine lung [Goldstein], 1099 (Jn)
ozone effect on lysosomal hydrolases of alveolar macrophages in vitro [Hurst], 1059 (Jn)
peroxidative metabolism in alveolar macrophages [Gee], 1046 (Jn)
pulmonary alveolar macrophage; membrane associated sodium ion, potassium ion, and magnesium ion adenosine triphosphatase system [Cross], 1069 (Jn)
pulmonary cell responses to metallic oxides [Casarett], 1090 (Jn)
ultrastructural evidence for a noncellular lining layer [Brooks], 426 (Mr)

Pulmonary Artery
ligation; effect on in vitro protein synthesis [Massaro], 861 (My)
pressure monitoring in cardiogenic shock [Porter], 304 (Fe)

Pulmonary Emphysema
morphological and biochemical assessment of papain-induced emphysema [Kilburn], 884 (My)
single-breath gas distribution in chronic obstructive lung disease [Daly], 763 (Ap)

Pyelonephritis
blood pressure in patients with spinal cord injury [Kunin], 285 (Fe)
spinal cord casualties (corres.) [Magee], 962 (Jn)

Q

Quality of Health Care
quality control and the medical record [Weed], 101 (Ja)

Questionnaires
medical history question as health screening test [Hershberg], 266 (Fe)

R

Race Relations
social issues and medicine (corres.) [Goldstein], 773 (Ap)

Rectal Neoplasms
asymptomatic polyps; proximal and distal polyp relationships [Drexler], 466 (Mr)

Renin, Blood
plasma renin activity in chronic plumbism; effect of treatment [McAllister], 919 (My)

Research Support
balance of resources for medicine [Bogdonoff], 493 (Mr)

Respiration
Cheyne-Stokes; review of clinical manifestations and critique of physiological mechanisms [Dowell], 712 (Ap)

Respiratory Distress Syndrome
lung development and lecithin metabolism [Brumley], 413 (Mr)

Respiratory Function Tests
single-breath gas distribution in chronic obstructive lung disease; isoproterenol effect on neon dilution volume and diffusing capacity [Daly], 763 (Ap)

Respiratory Insufficiency
renal function in respiratory failure [Kilburn], 754 (Ap)

Respiratory Tract Infections
contamination of ultrasonic nebulization equipment with gram negative bacteria [Rhoades], 228 (Fe)

Reticuloendothelial System see Macrophages

Retina, Blood Supply
response of retinal circulation to altitude [Frayser], 708 (Ap)

Rheumatic Fever
kidney in acute rheumatic fever [Cohen], 245 (Fe)

Rubidium
myocardial blood flow; measurement by coincidence counting system and single bolus of ^{84}Rb [Knoebel], 767 (Ap)

S

Salmonella Infections, Drug Therapy
persistence of ampicillin-sensitive *Salmonella thompsoni* due to fecal penicillinase [Mandell], 137 (Ja)

Schools, Medical
academic department of medicine and social change [Wyngaarden], 89 (Ja)
experiments in delivery of health care and their impact on medical schools [Lewis], 312 (Fe)
one medical school's involvement in new health care delivery models [Rogers], 57 (Ja)

Science
some thoughts on academic medicine [Barondess], 310 (Fe)

Septicemia
acid-base balance in bacteremic shock [Blair], 731 (Ap)
factors affecting mortality of gram-negative rod bacteremia [Bryant], 120 (Ja)
meningococcemia and comsumption coagulopathy treated with heparin and dextran 70 [Ellman], 134 (Ja)
with *Pasteurella pseudotuberculosis* and liver disease [Marlon], 947 (My)

Serratia Marcescans
contamination of ultrasonic nebulization equipment with gram negative bacteria [Rhoades], 228 (Fe)

Shock
acid-base balance in bacteremic shock [Blair], 731 (Ap)
pulmonary artery pressure monitoring in cardiogenic shock [Porter], 304 (Fe)

Skin Manifestations
culture of an Osler's node; diagnostic tool [Puklin], 297 (Fe)

Sleep
methods for assessing human sleep [Johns], 484 (Mr)

Social Change
academic department of medicine and social change [Wyngaarden], 80 (Ja)

Social Problems
social issues and medicine (corres.) [Goldstein], 773 (Ap); [Stokes], 774 (Ap); [Talbot], 504 (Mr)
social issues and scientific medicine [Bogdonoff], 157 (Ja)
social problems facing medicine [Wise], 76 (Ja)

Social Service
proposal for creation of compulsory national service corps [Stead], 89 (Ja)

Social Values
legal problems in allocation of scarce medical resources [Kudeminier], 1134 (Jn)

Sodium
pulmonary alveolar macrophage; membrane associated sodium ion, potassium ion, and magnesium ion adenosine triphosphatase system [Cross], 1069 (Jn)

Sodium, Blood see Hypernatremia

Specialism
on contradiction between intent and enactment (corres.) [Espenschade], 776 (Ap)

Spinal Cord Injuries
blood pressure in (corres.) [Gotshall], 775 (Ap)
blood pressure in patients with spinal cord injury [Kunin], 285 (Fe)
spinal cord casualties (corres.) [Magee], 962 (Jn)

Splenectomy
lymphosarcoma of spleen; results of diagnostic splenectomy in 11 patients [Skarin], 259 (Fe)

Splenic Noeplasms, Surgery
lymphosarcoma; results of diagnostic splenectomy in 11 patients [Skarin], 259 (Fe)

Sporotrichosis
cutaneous; beer, bricks, and bumps [Sanders], 482 (Mr)

Sprue
intestinal malabsorption and immunoglobulin deficiency [Gelzayd], 141 (Ja)

Staphylococcal Infections
bacterial pneumonia during Hong Kong influenza epidemic of 1968-1969 [Schwarzmann], 1037 (Jn)
distribution of intravenously inoculated staphylococci in heart valves and viscera; study in dogs with and without aortic insufficiency [Hamburger], 496 (Mr)

Staphylococcus Aureus
ozone and antibacterial defense mechanisms of murine lung [Goldstein], 1099 (Jn)

State Medicine
balance of resources for medicine [Bogdonoff], 493 (Mr)

Stem Cells see Bone Marrow Cells

Sterilization
totally disposable, presterilized dialyzer, in vitro evaluation [Malchesky], 278 (Fe)

Stomach Ulcer
thrombotic ulcerations of gastrointestinal tract [Margaretten], 250 (Fe)

Streptococcal Infections
kidney in acute rheumatic fever [Cohen], 245 (Fe)

Surface Tension
loss of protective factor for alveolar macrophages when oxposed to ozone [Gardner], 1078 (Jn)

Surfactant
method for the visualization of pulmonary surfactant in the light microscope [Dermer], 415 (Mr)

Surfactant, Analysis
beagle dog pulmonary surfactant lipids [Pfleger], 863 (My)
biochemical composition of human pulmonary washings [Ramirez-R], 395 (Mr)
comparative lipid chemistry of lungs [Clements], 387 (Mr)
physical and chemical characterization of pig lung surfactant lipoprotein [Pruitt], 390 (Mr)

Surfactant, Biosynthesis
biosynthesis and turnover of surfactant lecithin and protein [Spitzer], 429 (Mr)
biosynthesis of pulmonary surface-active lipid [Morgan], 401 (Mr)

Sympatholytics see Phenoxybenzamine

Symposium on Pollution and Lung Biochemistry
papers, 385-437 (Mr); 845-902 (My); 1044-1121 (Jn)
prospective and conclusions [Menzel], 385 (Mr)

Symposium on Social Issues and Medicine
concluding remarks [Skyler], 110 (Ja)
editor's note [Bogdonoff], 49 (Ja)
introductory remarks [Skyler], 49 (Ja)
papers, 49-110 (Ja)

T

Thromboembolism
nephrotic syndrome [Kendall], 1021 (Jn)

Thrombopenia, Chemically Induced
microangiopathic hemolysis and thrombocytopenia related to penicillin drugs [Parker], 474 (Mr)

Thrombosis, Complications
thrombotic ulcerations of gastrointestinal tract [Margaretten], 250 (Fe)

Tobacco Smoke
distribution of inhaled metal oxide particles in pulmonary alveoli [Sanders], 1085 (Jn)
lecithin biosynthesis in cigarette smoking dogs [Balint], 740 (Ap)

Tooth Extraction, Adverse Effects
culture of an Osler's node; diagnostic tool [Puklin], 297 (Fe)

Training Support
balance of resources for medicine [Bogdonoff], 493 (Mr)

Tricomplex Fixation see Flocculation

U

University Hospitals see Hospitals, Teaching

Uterine Neoplasms
fibromyomata of the uterus with hemothorax—Meigs' syndrome? [Solomon], 307 (Fe)

V

Vascular Resistance
circulating beta adrenergic stimulator during elevated cerebrospinal fluid pressure [Brashear], 748 (Ap)

Vasospasms
carotid artery obstruction following LSD capsule ingestion [Sobel], 290 (Fe)

Vena Cava Inferior, Occlusions
Budd-Chiari syndrome caused by right atrial tumor [Feingold], 292 (Fe)

Ventricular Fibrillation
characteristic electrocardiogram of accidental hypothermia [Trevino], 470 (Mr)
standby implanted defibrillators (corres.) [Schuder], 317 (Fe)

Vitamin A Deficiency
in vivo and in vitro biosynthesis of lung tissue glycopeptides [De Luca], 853 (My)

Viremia
cytomegalovirus infections with viremia following renal transplantation [Armstrong], 111 (Ja)